CAFES
PDF 417 Bar Code
Record Positional Layout
QP

Version: 01

Status Codes:
C: Conditional
M: Mandatory
O: Optional

Class Codes:
A: Alphabetic - (Letter or Blank) Left Justified & Space Filled
AN: Alphanumeric (Alphabetic or Numeric) - Left Justified & Space Filled
N: Numeric - Right Justified & Zero Filled - EXCEPT Numeric fields in Header and Trailer
Records must be Space Filled if not used!
X: Alphanumeric. Any Character. - Left Justified & Space Filled

* BAR CODE TEXTUAL DATA MUST BE UPPERCASE CHARACTERS *****

Notes:

PDF 417 Barcode format for CF-7512 adapted from Customs and Trade Automated Interface Requirements (CATAIR) document:

In-bond dated April 1996 - Amendment 1: Provides record formats pertaining to in-bond and bill of lading input and output records, in-bond update/transfer of liability input and output records and status notifications records.

Header and Trailer Records:
March 1995 Application Control - Defines typical configuration of the Automated Commercial Systems (ACS) records.

***** Additional CAFES Record Formatting Instructions *****

Each CAFES record format (CAMIR, QP, or X12) must be enclosed within the ANSI PDF 417
Bar Code Enveloping Structure as defined in:

  ANSI MH10.8.3M-1996
  American National Standard for Material Handling ...
                                    Two-Dimensional Symbols With Unit Loads and Transport
Packages
  Pages 6-10 and 52.

   ANSI PDF 417 Bar Code Envelope (for CAFES)

   Message Header String: "[)>" followed by ASCII decimal character 30

      Format Header-Free Form Text Indicator: "07"

         CAFES Bar Code Identifier: "&"

         2-digit Version Number here (leading zero is required).

         [Place CAFES CAMIR, QP, or X12 message here!]

      Format Trailer (Record Separator) Character: ASCII decimal character 30

   Message Trailer (End Of Transmission) Character: ASCII decimal character 4

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Identifier A					
Control Identifier	1 A	1	1	M	Must always equal A.
Receiver District/Port	4 N	2	5	M	A code representing the district/port of the data processing site where the data is returned.
Receiver Filer Code	3 AN	6	8	M	A unique code assigned by the U.S. Customs Service to all active entry document preparers and authorized Service Bureaus and Software Vendors.
Receiver Password	6 AN	9	14	M	A code for output only representing the password agreed upon by the user and the U.S. Customs Service.
Current Date	6 N	15	20	M	Date Barcode Generated
Batch Number	2 N	21	22	M	A number from 01-99 requesting the sequential batch count for the current day's ABI transmissions.
National Importer Liquidation (NIL) Indicator	3 A	23	25	C	A code indicator representing the NIL indicator.
Filler	12 AN	26	37	M	Space fill.
Receiver Office Code	2 N	38	39	O	A code agreed upon by the user and the U.S. Customs Service representing a specific user's office for output only.
Sender District/Port	4 N	40	43	C	A code representing the district/port of the data processing site where data is being transmitted from.
Sender Filer Code	3 AN	44	46	C	A unique code assigned by the U.S. Customs Service to all active entry document preparers and authorized Service Bureaus and Software Vendors transmitting data.
Sender Office Code	2 N	47	48	C	A code agreed upon by the user and the U.S. Customs Service for a specific user's office.
Sender Password	6 AN	49	54	C	A code for output only representing the password agreed upon by the user and the U.S. Customs Service.
Filler	15 AN	55	69	M	Space fill.
User Data	11 X	70	80	C	Postions 70 through 80 are for the user's internal use.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Length:	80				

Record Identifier B

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Control Identifier	1 A	81	81	M	Must always equal B.
Block Number	2 N	82	83	M	A number from 1 to 99.
Processing District/Port Code	4 N	84	87	M	A code representing the processing district/port.
Entry Filer Code	3 AN	88	90	M	A unique code assigned by the U.S. Customs Service to all active entry document preparers.
Application Identifier	2 X	91	92	M	Must always equal QP. The application identifier defines the type of application detail data contained within the block.
Statement Status	1 A	93	93	C	Not used by CAFES. A code representing the statement status.
Statement Number	10 N	94	103	C	Not used by CAFES. This data element is located only on Daily Statement output records so it can be available for printing user report headings.
Payment Due Date	6 N	104	109	C	Not used by CAFES. A numeric date in MMDDYY (month, day, year) format representing the payment due date.
Payment Type Indicator	1 N	110	110	C	Not used by CAFES. This data element is located only on Daily Statement output records so it can be available for printing user report headings.
Importer of Record Number	12 X	111	122	C	Not used by CAFES. This data element is present only on Daily Statement output records so it can be availabel for printing user report headings.
Client Branch Designation	2 AN	123	124	C	Not used by CAFES. A code representing the client branch designation.
Processing Office Code	2 N	125	126	O	Not used by CAFES. A unique code assigned by the broker.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Preparer District/Port	4 AN	127	130	C	To be used with remote entry filing only.
Preparer Filer Code	3 AN	131	133	C	This code must equal entry filer code if filing a remote entry, otherwise leave blank.
Preparer Office Code	2 N	134	135	C	Not used by CAFES. To be used with remote entry filing only.
Preparer Type Indicator	1 N	136	136	C	Not used by CAFES. Blank if not remote entry. One (1), if remote entry.
Filler	3 AN	137	139	M	Space fill.
User Data	21 AN	140	160	C	Not used by CAFES.

Record Length: 80

Record Identifier QP10

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	161	162	M	Must always equal 10.
Action Code	1 A	163	163	M	Must always equal A for Add In-bond. Also in QP 30.
In-bond Entry Type	2 N	164	165	M	The ACS code representing the type of in-bond movement.
In-bond Number	12 AN	166	177	M	The number identifying the in-bond movement. Enter conventional 9 numeric In-bond number. Do not include spaces, hyphens, slashes, or other special characters.
Carrier Code	4 X	178	181	M	A code representing the Standard Carrier Alpha Code (SCAC) of the in-bond carrier or the International Air transportation carrier.
U.S. Port of Destination	4 N	182	185	M	The Census Schedule D code represeting the U.S. Customs port of termination for an immediate transportation (61) entry, or the port of exportation for a transportation and export (62) entry, or the port of arrival for an immediate export (63) entry.
Foreign Port of Destination	5 N	186	190	C	The Cenus Schedule K code representing the foreign port of destination for a transportation and exportation (62) or immediate exportation (63) entries.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Value --- also in QP 70	8 N	191	198	M	Also in QP 70.
In-bond Carrier ID	12 X	199	210	M	A code representing the identification number of the bonded carrier.
Record Length:	50				

Record Identifier QP20

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	211	212	M	Must always equal 20.
Carrier Code	4 AN	213	216	M	A code representing the importing carrier.
Mode of Transport (MOT)	2 N	217	218	M	A code indicting the type of transport used by the importing carrier. (10 = ocean, 20 = rail, 30 = truck)
Country Code of Importing Carrier	2 A	219	220	M	The Internation Organization for Standardization (ISO) country code representing the flag country of the importing carrier.
Importing Conveyance Name	23 X	221	243	M	The name of identifies the importing conveyance.
Voyage/Flight/Trip Number	5 X	244	248	M	The voyage, flight or trip number of the importing carrier shown on the shippers market.
Lloyds Vessel Code	7 N	249	255	O	The Lloyds of London registry code representing the importing vessel.
District/Port of Importing Conveyance Arrival	4 N	256	259	M	The Census Schedule D code representing the U.S. customs port (DDPP) of unlading.
Estimated Date of Arrival	6 N	260	265	M	A date in MMDDYY (month, day, year) format representing the scheduled date of arrival at the port of unlading.
Record Length:	55				

Record Identifier QP30

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	266	267	M	Must always equal 30.
Action Code	1 A	268	268	M	Must always equal A for Add bill data. Also in QP 10.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Bill Indicator	1 A	269	269	M	Must be Y(Yes).
Sequence Number	4 AN	270	273	O	A sequence number identifying the bill number.
Issuer Code of Master Bill Number	4 AN	274	277	M	A code representing the Standard Carrier Alpha Code (SCAC) of the party who actually issued the bill of lading.
Master Bill Number	12 AN	278	289	M	Mandatory since Bill Indicator must equal Y. The master bill number as listed on the manifest.
Record Length:	24				

Record Identifier QP32 (Optional)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	290	291	M	Must always equal 32.
First Secondary Notify Party Code	9 AN	292	300	M	A code representing the first secondary notify party (SNP). If SNP is an ABI filer, the code is NNNNXXXNN where: NNNN:Customs port (Census Schedule D Code) of the SNP. XXX: Filer code. NN: Office code, if used by that filer.
Second Secondary Notify Party Code	9 AN	301	309	O	A code representing the second secondary notify party (SNP). If SNP is an ABI filer, the code is NNNNXXXNN where: NNNN: Customs port (Census Schedule D Code) of the SNP. XXX: Filer code. NN: Office code, if used by that filer.
Record Length:	20				

Record Identifier QP33 (Optional - Can occur 2 times)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type #1	2 N	310	311	M	Must always equal 33.
Qualifier #1	3 AN	312	314	M	See Intermodal CAMIR handbook for list of valid codes. If code is less than three (3) positions, it is left justified. If "FEN" is used, then the 15 digit Mexican entry number (Pedimento) is required in positons 6-35.
Reference Number #1	30 AN	315	344	M	Reference number must correspond to code in pos 3-5 as defined in Intermodal CAMIR handbook.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type #2	2 N	345	346	M	Must always equal 33.
Qualifier #2	3 AN	347	349	M	See Intermodal CAMIR handbook for list of valid codes. If code is less than three (3) positions, it is left justified. If "FEN" is used, then the 15 digit Mexican entry number (Pedimento) is required in positons 6-35.
Reference Number #2	30 AN	350	379	M	Reference number must correspond to code in pos 3-5 as defined in Intermodal CAMIR handbook.

Record Length: 70

Record Identifier QP40

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	380	381	M	Must always equal 40.
Foreign Port of Lading	5 N	382	386	M	The Census Schedule K code representing the foreign port in which the carog was laden on board the importing conveyance.
Manifest Quantity	10 N	387	396	M	A value greater than zero representing the total number of pieces on the bill of lading.
Manifest Units	5 X	397	401	M	Must not be greater than 3 characters long. A three character code for manifest unit of measure, such as CTN (carton).
Weight	10 N	402	411	M	A value greater than zero representing the gross weight in pounds or kilos.
Weight Unit	2 A	412	413	M	A code representing the unit of weight.
Measurement (Cubic)/Volume	10 N	414	423	O	Container Volume. Right justify and blank fill.
Measurement Unit	2 A	424	425	C	A code representing the unit of volume.
Place of Pre-receipt	17 X	426	442	O	A city or country name in which the pre-carrier took possession of the cargo.

Record Length: 63

Record Identifier QP50

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	443	444	M	Must always equal 50.
Foreign Shipper Name	35 X	445	479	M	A valid foreign shipper name.
Foreign Shipper Address, Line 1	35 X	480	514	M	A representation of the first line of the foreign shipper's address; or just the city and country if that is the only information available.

Record Length: 72

Record Identifier QP51 (Optional - Requires QP50)

Record Type	2 N	515	516	M	Must always equal 51.
Foreign Shipper Address, Line 2	35 X	517	551	M	The seond line of the foreign shipper's address, if available.
Foreign Shipper Address, Line 3	35 X	552	586	M	The third line of the foreign shipper's address, if available.

Record Length: 72

Record Identifier QP52 (Optional - Requires QP50)

Record Type	2 N	587	588	M	Must always equal 52.
Foreign Shipper Telephone or Telex Number	35 X	589	623	M	The telephone or telex number of the foreign shipper, if available.

Record Length: 37

Record Identifier QP55

Record Type	2 AN	624	625	M	Must always equal 55.
Consignee Name	35 X	626	660	M	A vaild consignee name.
Consignee Address, Line 1	35 X	661	695	M	The first line of the consignee's address; or just the city and country if that is the only information available.

Record Length: 72

Record Identifier QP56 (Optional - Requires QP55)

Record Type	2 N	696	697	M	Must always equal 56.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Consignee Address, Line 2	35 X	698	732	M	The second line of the consignee's address, if available.
Consignee Address, Line 3	35 X	733	767	M	The third line of the consignee's address, if available.
Record Length:	72				

Record Identifier QP57 (Optional - Requires QP55)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	768	769	M	Must always equal 57.
Consignee Telephone or Telex Number	35 X	770	804	M	The telephone or telex number of the consignee, if available.
Record Length:	37				

Record Identifier QP60 (Optional)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	805	806	M	Must always equal 60.
Notify Party Name	35 X	807	841	M	A valid notify party name.
Notify Party Address, Line 1	35 X	842	876	M	The first line of the notify party's address; or just the city and country if that is the only information available.
Record Length:	72				

Record Identifier QP61 (Conditional - Mandatory if QP60 used.)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	877	878	M	Must always equal 61.
Notify Party Address, Line 2	35 X	879	913	M	The second line of the notify party's address, if available.
Notify Party Address, Line 3	35 X	914	948	M	The third line of the notify party's address, if available.
Record Length:	72				

Record Identifier QP62 (Optional - Requires QP60 and QP61 if used.)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	949	950	M	Must always equal 62.
Notify Party Telephone or Telex Number	35 X	951	985	M	The telephone or telex number of the notify party; if available.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Length:	37				

Record Identifier QP65

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	986	987	M	Must always equal 65.
Container Number	14 AN	988	1001	M	A valid container/equipment number asociated with a bill of lading number exactly as it physically appears on the container.
Seal Number 1	15 AN	1002	1016	C	A valid exporter/carrier seal number associated with the container.
Seal Number 2	15 AN	1017	1031	C	A vaild exporter/carrier seal number associated with the container.
Container Description Code	2 AN	1032	1033	C	Type of container or equipment used for shipment.
Record Length:	48				

Record Identifier QP70 (Conditional - Mandatory if QP10 In-bond Entry Type = 62 or 63)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	1034	1035	M	Must always equal 70.
Harmonized Number (HTSUSA)	11 N	1036	1046	M	The code located in the Harmonzied Tariff Schedule that represents the tariff number. Left Justify and fill with zeroes. Enter at least six positions of the valid HTS number identifying the cargo being exported from the US by ocean carrier.
Value	8 N	1047	1054	M	Same as QP 10.
Weight	10 N	1055	1064	M	A value greater than zero representing the net weight in pounds or kilos of the commodity.
Weight Unit	2 A	1065	1066	M	A code representing the unit of weight.
Record Length:	33				

Record Identifier QP71 (Can occur 3 times; #2 through #3 are Optional)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	1067	1068	M	Must always equal 71.
Piece Count #1	10 N	1069	1078	M	The total number of pieces being described.
Description #1	45 X	1079	1123	M	A description of the cargo.

Draft Copy

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	1124	1125	M	Must always equal 71.
Piece Count #2	10 N	1126	1135	C	Optional if description continuation but Mandatory if describing new item. A value representing the total number of pieces being described.
Description #2	45 X	1136	1180	M	A description of the cargo.
Record Type	2 N	1181	1182	M	Must always equal 71.
Piece Count #3	10 N	1183	1192	C	Optional if description continuation but Mandatory if describing new item. A value representing the total number of pieces being described.
Description #3	45 X	1193	1237	M	A description of the cargo.

Record Length: 171

Record Identifier QP72 (Can occur 2 times; #2 is Optional)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	1238	1239	M	Must always equal 72.
Marks and Numbers #1	45 X	1240	1284	M	The written description of the symbols and markings that are on the outside of the packaging.
Record Type	2 N	1285	1286	M	Must always equal 72.
Marks and Numbers #2	45 X	1287	1331	M	The written description of the symbols and markings that are on the outside of the packaging.

Record Length: 94

Record Identifier QP75 (Optional)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	1332	1333	M	Must always equal 75
Hazardous Material Code	10 X	1334	1343	M	A code representing the identification number assigned to the hazardous material.
Hazardous Material Class	4 X	1344	1347	O	A code representing the identification number assigned to the hazardous material.

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Hazardous Material Code Qualifier	1 X	1348	1348	O	A code which describes the hazardous material class.
Hazardous Material Description	30 AN	1349	1378	O	The proper shipping name of the material designated as hazardous.
Hazardous Material Contact	24 AN	1379	1402	O	The name and/or phone number of the person or department to contact in the case of an emergency.
Flashpoint Temperature	3 N	1403	1405	O	A code representing the lowest temperature at which the vapor of a hazardous combustible liquid will ignite in the air.
Unit of Measure Code	2 X	1406	1407	O	A code representing degrees Centigrade/Celsius, the basic unit of measurement (UOM) for the flashpoint temperature.
Negative Indicator	1 A	1408	1408	O	A code of N is used when a flashpoint temperture is negative; that is, below 0 (zero) degrees Centigrade/Celsius.

Record Length: 77

Record Identifier QP76 (Conditional - Mandatory if QP75 used.)

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Record Type	2 N	1409	1410	M	Must always equal 76.
Hazardous Material Description	29 X	1411	1439	C	Material name, special instructions and/or phone number if any.
Hazardous Material Classification	30 X	1440	1469	C	Free form description of hazardous material classification or division of label requirements.

Record Length: 61

Record Identifier Y

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Control Identifier	1 A	1470	1470	M	Must always equal Y.
Filler	2 AN	1471	1472	M	Space fill.
Processing District/Port Code	4 N	1473	1476	M	***** Same as Header B
Entry Filer Code	3 AN	1477	1479	M	***** Same as Header B
Application Identifier	2 X	1480	1481	M	***** Same as Header B

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Number of Transaction Detail Records in the Block	5 N	1482	1486	M	The number of detail records in the block. Does not include A, B, Y or Z.
Total Estimated Duty	12 N	1487	1498	C	Must be blank for CAFES.
Total Estimated Tax	12 N	1499	1510	C	Must be blank for CAFES.

Record Length: 41

Record Identifier Z

Data Element	LENGTH/ CLASS	START POS	END POS	Status	DESCRIPTION - QP
Control Identifier	1 A	1511	1511	M	Must always equal Z.
District/Port of ABI Receiver	4 N	1512	1515	M	***** Same as Header A
Receiver Filer Code	3 AN	1516	1518	M	***** Same as Header A
Receiver Password	6 AN	1519	1524	M	***** Same as Header A
Current Date	6 N	1525	1530	M	***** Same as Header A
Batch Number	2 N	1531	1532	M	***** Same as Header A
National Importer Liquidations (NIL) Indicator	3 A	1533	1535	C	***** Same as Header A
Filler	12 AN	1536	1547	M	Space fill.
Receiver Office Code	2 N	1548	1549	O	***** Same as Header A

Record Length: 39

Total Bar Code Length (Message + 11 Overhead): 1560